Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10	("20030051053" "20030051203" "20030145120" "20030208283" "6631476").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 19:47
S2	7	S1 and (controller with (safe$2 reliab$5 (high adj reliability)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:18
S3	5	S1 and ((controller with (safe$2 reliab$5 (high adj reliability))) same (safety near2 system))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:27
S4	5	S3 and ((emergency near3 stop$4) (light adj curtain) (machine adj lock$4) (safety adj relay$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:25
S5	4	("30373592" "10034387" "09667145" "09666438" "09663824").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:21
S6	4	("630373592" "10034387" "09667145" "09666438" "09663824").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:21
S7	4	("60373592" "10034387" "09667145" "09666438" "09663824").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:23
S8	0	S7 and ((controller with (safe$2 reliab$5 (high adj reliability))) same (safety near2 system))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:22

S9	0	S7 and (controller with (safe$2 reliab$5 (high adj reliability)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:22
S10	0	S7 and ((emergency near3 stop$4) (light adj curtain) (machine adj lock$4) (safety adj relay$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:23
S11	4	("60373592" "10034387" "09667145" "09666438" "09663824").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:23
S12	0	S11 and ((controller with (safe$2 reliab$5 (high adj reliability))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:24
S13	0	S11 and (safety near2 system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:24
S14	0	S11 and ((emergency near3 stop$4) (light adj curtain) (machine adj lock$4) (safety adj relay$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:24
S15	1379	((controller with (safe$2 reliab$5 (high adj reliability))) same (safety near2 system))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:23
S16	29	S15 same ((emergency near3 stop$4) (light adj curtain) (machine adj lock$4) (safety adj relay$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:27

S17	33	S16 S14 S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:28
S18	17	S17 and (safety near3 (program code task instruction software))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:32
S19	0	S18 and ((hardware memory) near2 (lock$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:34
S20	11	S18 and ((hardware memory system resource) near3 (lock$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:42
S21	0	S20 and ((prevent$3 prohibit$3 stop$4) near3 ((writ$3 stor$3) with (memory storage)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:40
S22	0	S20 and ((prevent$3 prohibit$3 stop$4) near5 ((writ$3 stor$3) with (memory storage)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:43
S23	0	S20 and ((prevent$3 prohibit$3 stop$4) with ((writ$3 stor$3) with (memory storage)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:40
S24	13	S18 and ((hardware memory system resource) near3 (lock$3 protect$3 passcode password))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:43

S25	0	S24 and ((prevent$3 prohibit$3 stop$4) near5 ((writ$3 stor$3) with (memory storage)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:43
S26	13	S24 and ((hardware memory system resource) near3 ($3lock$3 protect$3 passcode password))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:48
S27	8	S15 and (execut$3 with ((standard near3 (safety password lock$3 protect$3)) near5 (program code software instruction)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:56
S28	19	S26 S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:56
S29	15	S28 and ((process$3 (process$3 adj unit)) with (memory storage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:57
S30	0	S29 and (harware near3 ($3lock$3 passcode password key))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:58
S31	13	S29 and ((harware system resource) near5 ($3lock$3 passcode password key))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 20:59
S32	13	S31 and (instruction program code software)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:00

S33	13	S32 and ($3lock$3 near5 (memory storage program portion).)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:09
S34	12	(lock adj management adj program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:10
S35	2	S34 and (unlock$3 near3 ((portion part) near3 (memory storage)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:11
S36	2	S34 and ((unlock$3 access$3 open$3) near5 ((portion part) near3 (memory storage)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:11
S37	7	S34 and ((unlock$3 access$3 open$3) near5 ((memory storage)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:16
S38	5	S34 and (((unlock$3 access$3 open$3) near5 ((memory storage))) same (program code software instruction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:16
S39	153439	(((unlock$3 access$3) near5 ((memory storage))) same (program code software instruction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:17
S40	167059	(((unlock$3 access$3) near5 ((memory storage))) same ((safe$3 secur$3 reliab$5) (program code software instruction)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:18

S41	5	S40 same (hardware adj memory adj lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:19
S42	5	S40 same ((hardware system resource) adj memory adj lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:20
S43	9	S40 and ((hardware system resource) adj memory adj lock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:24
S44	1	S43 and (controller with (safe$2 reliab$5 (high adj reliability)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:21
S45	1	S43 and ((emergency near3 stop$4) (light adj curtain) (machine adj lock$4) (safety adj relay$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:22
S46	1	S43 and (((controller with (safe$2 reliab$5 (high adj reliability))) same (safety near2 system)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/30 21:24
S47	10	("20030051053" "20030051203" "20030145120" "20030208283" "6631476").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:13
S48	128	((industrial near3 controller) with (safe$2 reliab$5 (high adj reliability)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:32

S49	1213	((industrial near7 (controller computer device)) with (safe$2 reliab$5 (high adj reliability)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:34
S50	39	S49 same ((safety protect) near3 (human life health))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:34
S51	67	S49 and ((safety protect) near3 (human life health))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:25
S52	86	S49 and ((emergency near3 stop$4) (light adj curtain) (machine adj lock$4) (safety adj relay$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:35
S53	127	S51 S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:31
S54	4	("630373592" "10034387" "09667145" "09666438" "09663824").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:32
S55	14	S47 S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:32
S56	7	S55 and (((industrial near3 controller) with (safe$2 reliab$5 (high adj reliability))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:32

S57	7	S56 and (((industrial near7 (controller computer device)) with (safe$2 reliab$5 (high adj reliability))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:34
S58	5	S57 and ((safety protect) near3 (human life health))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:34
S59	5	S58 and (((emergency near3 stop$4) (light adj curtain) (machine adj lock$4) (safety adj relay$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:41
S60	127	S53 S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:47
S61	38	S60 and (control near2 program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:48
S62	127	S60 S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:48
S63	45	S60 and (control near2 (program process code software instruction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:49
S64	127	S63 S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 09:49

S65	41	S64 and (safety near3 (program application software))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 10:11
S66	20	S65 and ((hardware system resource memory) near3 ($3lock$3 ((prevent$3 stop$4 prohibit$3) near3 (access$3 read$3 writ$3))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 10:56
S67	4	S65 and ((hardware system resource memory) near3 ((($3lock$3 ((prevent$3 stop$4 prohibit$3) near3 (access$3 read$3 writ$3)))) with execut$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 10:16
S68	1	S66 and (hardware near2 lock$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 10:53
S69	1	S64 and (hardware near2 lock$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 10:54
S70	1670	"7" and (hardware near2 lock$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 10:54
S71	2	S49 and (hardware near2 lock$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 10:54
S72	593	(hardware adj lock$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 10:55

S73	207	S72 and ((prevent$3 stop$4 prohibit$3) near3 (access$3 read$3 writ$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 10:56
S74	34	S72 and (((prevent$3 stop$4 prohibit$3) near3 (access$3 read$3 writ$3)) with (memory storage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 10:58
S75	12	S74 and (unlock$3 near2 (hardware memory storage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 12:05
S76	3	S75 and (((memory storage) near3 lock$3) with ((before start$3 during prior) near5 (program software code instruction execution)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 14:52
S77	593	(hardware adj lock$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 14:53
S78	34	S77 and (((prevent$3 stop$4 prohibit$3) near3 (access$3 read$3 writ$3)) with (memory storage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 14:53
S79	12	S78 and (unlock$3 near2 (hardware memory storage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 14:57
S80	1	S79 and ((((memory storage) near3 lock$3) with ((before start$3 during prior) near5 (program software code instruction execution))) same (error))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 14:55

S81	1	((((memory storage) near3 lock$3) with ((before start$3 during prior) near5 (program software code instruction execution))) same (error))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 14:55
S82	11	((((memory storage) near3 lock$3) with ((before start$3 during prior) near5 (program software code instruction execution))) same (error interrupt$3 exception))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 14:57
S83	86	((((memory storage) near3 lock$3) with ((before start$3 during prior) near5 (program software code instruction execution))) and (error interrupt$3 exception))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 14:57
S84	19	S78 and ((unlock$3 ((grant$3 allow$3 permit$4) near3 (access$5 read$3 writ$3 stor$3))) near2 (hardware memory storage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 15:01
S85	14	S84 and (unlock$3 near5 (hardware memory storage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 15:06
S86	7	S85 and ((error message fail$3 exception interrupt$3) same ($3lock$3 near2 (memory storage)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 17:25
S87	6	("6026016" "20030208283" "20020133680").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:43
S88	1379	((controller with (safe$2 reliab$5 (high adj reliability))) same (safety near2 system))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 17:28

S89	22	S88 and ((synchroniz$3 simultaneous$2 concurrent$3) near3 (program$3 execut$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 17:28
S90	0	S87 and ((synchroniz$3 simultaneous$2 concurrent$3) near3 (program$3 execut$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 17:29
S91	7	S89 and ((compar$3 match$3 equal$3) near3 (program$3 result execut$3 output))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 17:34
S92	8	("6026016" "20030208283" "20020133680" "5136704").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:44
S93	0	S92 and (usere with sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:44
S94	0	S92 and (user with sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:45
S95	0	S92 and (user same sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:45
S96	2	S92 and (user)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:46

S97	2	S92 and (sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:56
S98	2	S97 and (logic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:56
S99	2	S97 and (logic$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:57
S10 0	1	S97 and (logic$4 with (instruction code task program software))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:59
S10 1	1	S96 and (logic$4 with (instruction code task program software))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:59